



533 Rec'd PCT/PTO

13 SEP 2001


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: DC-0155  
Inventors: Brinckerhoff and Rutter  
Serial No.: 09/856,749  
Filing Date: Not yet assigned  
Examiner: Not yet assigned  
Group Art Unit: Not yet assigned  
Title: Methods of Diagnosing, Prognosticating  
and Treating Matrix Metalloproteinase-1  
Related Diseases via a Matrix  
Metalloproteinase-1 Single Nucleotide  
Polymorphism

I, Kathleen A. Tyrrell, Registration No. 38,350, certify that this correspondence is being deposited with the U.S. Postal Service as First Class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

On this date: September 10, 2001

  
Kathleen A. Tyrrell, Registration No. 38,350

**BOX SEQUENCE**

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

**RESPONSE TO NOTIFICATION TO COMPLY WITH REQUIREMENTS  
FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE  
SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURE**

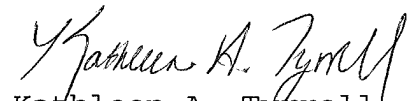
In response to the "Notification to Comply With Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures" dated August 1, 2001, a response to which is due October 1, 2001, enclosed herewith is:

( ) Amendment under 1.825;

- (XX) Statement to Support Filing and Submission in Accordance with 37 CFR §§1.821 through 1.825;
- ( ) Substitute pages of the Sequence Listing;
- (XX) Substitute copy of the computer readable form of Sequence Listing;
- (XX) Copy of Notification to Comply with Requirements for Patent Applications containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures;
- ( ) Petition for Three (3) Month Extension of Time;
- ( ) Other: \_\_\_\_\_.

The Commissioner is hereby authorized to charge any underpayment associated with this communication or credit any overpayment to Deposit Account No. 50-1619. This sheet is attached in duplicate.

Respectfully submitted,

  
Kathleen A. Tyrrell  
Registration No. 38,350

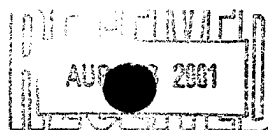
Date: September 10, 2001

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UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT  
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U.S. APPLICATION NO. 09/85674	FIRST NAMED APPLICANT BRINCKERHOFF	ATTY. DOCKET NO. C DC-0155
INTERNATIONAL APPLICATION NO. PCT/US99/26610		
I.A. FILING DATE 10 NOV 99		
PRIORITY DATE 30 NOV 98		
DATE MAILED: 01 AUG 2001		

LICATA & TYRRELL  
66 E MAIN STREET  
MARLTON, NJ 08053

Docket System ☒  
Status Report ☒  
Docket Book ☒

**NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS  
CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE  
DISCLOSURES**

Applicant has submitted papers under 35 U.S.C. 371 to enter the national stage in the United States of America. The items indicated below, however, are missing. The period within which to correct the deficiency noted below and avoid abandonment is set forth in the accompanying Notification.

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):

- ☒ The application fails to comply with the requirements of 37 CFR 1.821-1.825.
- ☐ This application does not contain, a "Sequence Listing" as a separate part of the disclosure on paper copy or compact disc, as required by 37 CFR 1.821(c).
- ☐ A copy of the "Sequence Listing" in computer readable format has not been submitted as required by 37 CFR 1.821(e).
- ☒ A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
- ☐ The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
- ☐ The paper copy or compact disc of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e).
- ☐ Other: \_\_\_\_\_

**APPLICANT MUST PROVIDE:**

- ☐ An initial or substitute computer readable form (CRF) of the "Sequence Listing."
- ☒ An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.
- ☐ A statement that the contents of the paper or compact disc and the computer readable form are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b) or 1.825(d).

**FOR QUESTIONS REGARDING COMPLIANCE WITH THESE REQUIREMENTS, PLEASE CALL:**

(703) 308-4216, for Rules interpretation,  
(703) 308-4212, for CRF submission help,  
(703) 287-0200, for PatentIn software help.

Charitta A. Burt, Paralegal  
Telephone: 703-305-3734